



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

INTERNATIONAL 323

Composant

Moteur diesel

Fluid

PETRO CANADA DURON SAE 10W30 (--- LTR)

RECOMMANDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0082095	PC0082551	PC0075391
Date d'échant.		Client Info		22 Apr 2024	20 Nov 2023	09 May 2023
Âge d la Machine	kms	Client Info		564071	531087	469126
Âge de l'huile	kms	Client Info		32992	61961	56773
Âge du filtre	kms	Client Info		32992	61961	56773
Huile changée		Client Info		N/A	Changed	Changed
Filtre changé		Client Info		N/A	Changed	Changed
Statut de l'échant.				NORMAL	NORMAL	ABNORMAL

USURE

Les taux d'usure de tous les composants sont normaux.

Fer	ppm	ASTM D5185(m)	>100	32	58	▲ 105
Chrome	ppm	ASTM D5185(m)	>20	1	2	3
Nickel	ppm	ASTM D5185(m)	>4	0	<1	0
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	0	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	7	13	10
Plomb	ppm	ASTM D5185(m)	>40	3	6	5
Cuivre	ppm	ASTM D5185(m)	>330	1	1	2
Étain	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	---	NONE
Bronze	scalar	Visual*	NONE	NONE	---	NONE

CONTAMINATION

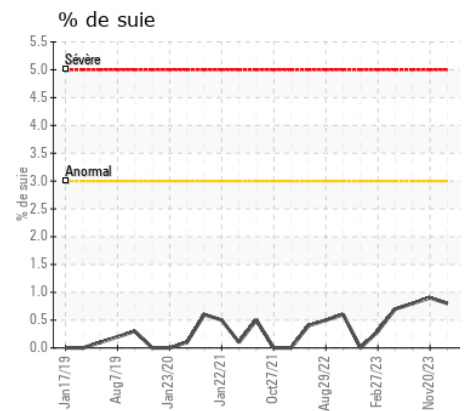
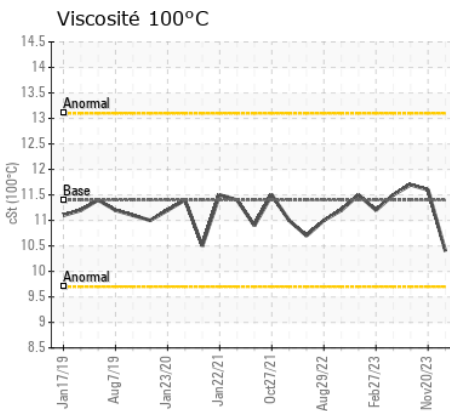
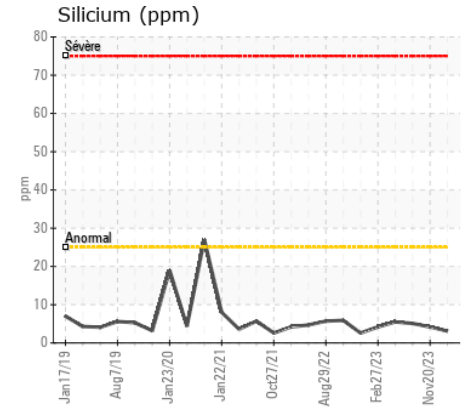
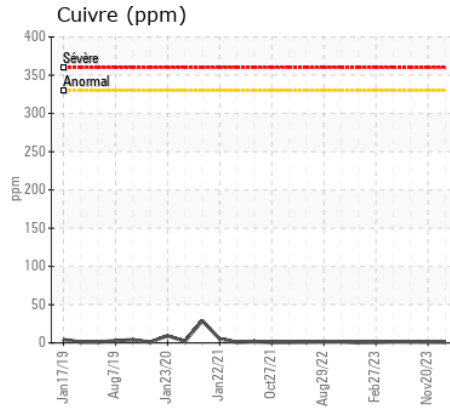
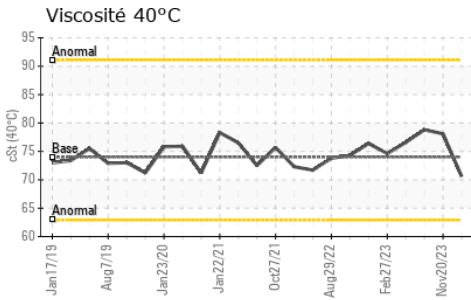
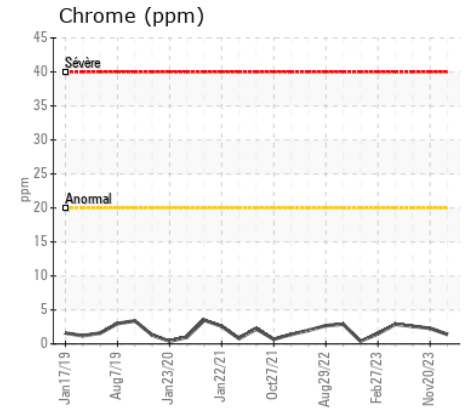
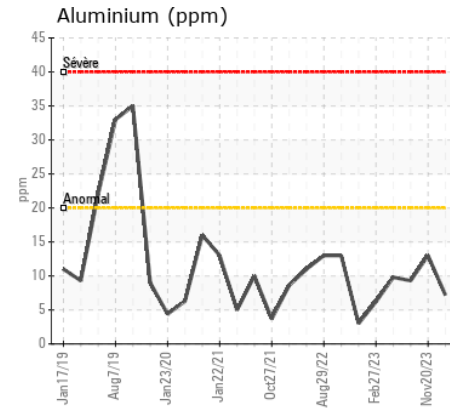
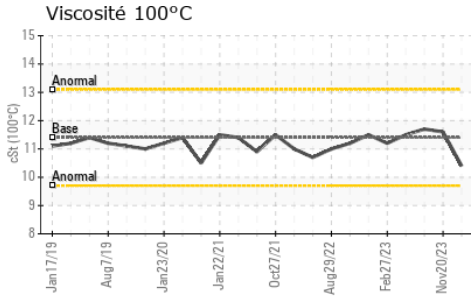
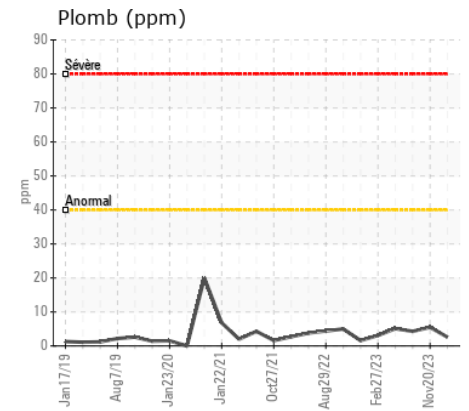
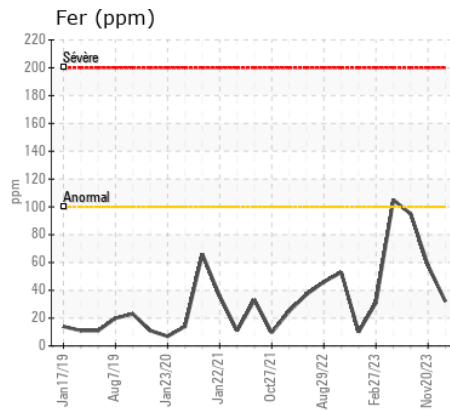
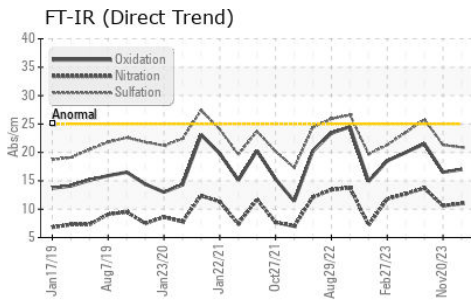
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	3	4	6
Potassium	ppm	ASTM D5185(m)	>20	8	16	13
Essence		WC Method	>2.0	<1.0	<1.0	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.8	0.9	0.8
Nitration	Abs/cm	ASTM D7624*	>20	11.0	10.6	13.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.9	21.3	25.8
Limon	scalar	Visual*	NONE	NONE	---	NONE
Débris	scalar	Visual*	NONE	NONE	---	NONE
Saleté	scalar	Visual*	NONE	VLITE	---	VLITE
Apparence	scalar	Visual*	NORML	NORML	---	NORML
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		2	2	2
Bore	ppm	ASTM D5185(m)	1	2	<1	1
Baryum	ppm	ASTM D5185(m)	1	0	0	0
Molybdène	ppm	ASTM D5185(m)	1	60	62	62
Manganèse	ppm	ASTM D5185(m)	1	<1	<1	1
Magnésium	ppm	ASTM D5185(m)	10	981	999	1009
Calcium	ppm	ASTM D5185(m)	2942	1075	1122	1088
Phosphore	ppm	ASTM D5185(m)	1102	1005	1058	1059
Zinc	ppm	ASTM D5185(m)	1351	1204	1228	1216
Soufre	ppm	ASTM D5185(m)	3903	2489	2627	2391
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.0	16.5	21.5
Visc 40°C	cSt	ASTM D7279(m)	74.0	70.6	78.1	78.8
Visc 100°C	cSt	ASTM D7279(m)	11.4	10.4	11.6	11.7
Indice de viscosité (VI)	Scale	ASTM D2270*	146	133	141	141



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

N° d'échantillon : PC0082095

N° de laboratoire : 02641645

Numéro unique : 5799184

Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

Reçu : 13 Jun 2024

Tested : 13 Jun 2024

Diagnostiqué : 13 Jun 2024 - Wes Davis

Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131.

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.

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